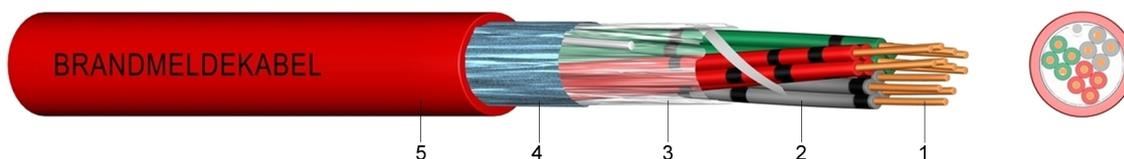


J-H(ST)H BMK

Halogen-Free and Flame Retardant Fire Alarm Cable

Application:

Suitable for fixed installations in telecommunication and are to be used in locations with fire hazard to reduce damage in case of fire.



Construction:

- 1 solid bare copper
- 2 core insulation of halogen-free polymer (HI 2)
- 3 layer of plastic foil
- 4 static screen of plastic coated aluminium foil with drain wire 0,6mm or 0,8mm
- 5 outer sheath of halogen-free polymer (HM 2) red with the marking "BRANDMELDEKABEL" (fire alarm cable)

Information:

Cores twisted to star-quads, 5 quads a unit, unit to layers.
Layer identification with coloured tapes.

Standards:

DIN VDE 0815 (core identification)
DIN EN 60228 class 1 (construction)
DIN VDE 0207-24

Technical data:

Peak operating voltage
Temperature range

in motion
fixed

[V]

300 Volt
- 5°C till +50°C
-30°C till +70°C

Bending radius

in motion

x diameter

7,5

Flammability

standard

EN 50266-2-4
IEC 60332-3 Kat.C

Number of pairs and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter mm	Calorific potential kWh/m	Weight appr. kg/km
1 x 2 x 0,8	10,6	1,0	6,5	0,15	60
2 x 2 x 0,8	24,0	1,0	6,8	0,22	66
4 x 2 x 0,8	39,4	1,0	9,9	0,37	113
6 x 2 x 0,8	59,5	1,0	10,4	0,43	141
10 x 2 x 0,8	97,9	1,2	12,2	0,60	200
20 x 2 x 0,8	194,9	1,4	15,5	0,95	342
40 x 2 x 0,8	387,8	1,4	20,8	1,80	632
50 x 2 x 0,8	484,8	1,6	22,7	2,05	764
60 x 2 x 0,8	581,8	1,6	24,9	2,48	920